

"This station is now leaving the air. During the CONELRAD radio Alert there will be no FM or TV programs. The only program on the air will be on your standard radio at 640 or 1240 kilocycles, starting in a few minutes. Tune your standard radio receiver to 640 or 1240 kilocycles for official instructions, news, and official information."

If you are not listening to your radio or TV set when this announcement is made, when you hear the civil defense sirens or attack warning signals, you will know that the CONELRAD system has gone into operation. Tune your AM (Standard) radio at once to the proper dial setting—640 or 1240.

What kind of radio should you have for receiving official information?

As long as the flow of electric power is uninterrupted, your regular AM (Standard) radio set will do the job.

However, a battery-operated or portable radio is your best insurance that you will continue to receive official civil defense news and instructions even if local power fails. If you possibly can, have such a radio in your shelter area.

Your automobile radio will be a useful auxiliary set. Auto radios are battery operated. Unless your car is damaged or not operating, you can count on your car radio for receiving official civil defense information via the CONELRAD system.

But even the best radios aren't much help if you and all members of your family don't know where to tune in or haven't marked the dial setting with the CONELRAD numbers—640 or 1240.

Who gives the signal for CONELRAD to start and stop?

The Air Defense Command, U. S. Air Force, will order the attack warning which will activate the CONELRAD system. AM (Standard) radio stations will switch, in a matter of minutes, to the emergency broadcasting system on one of the two officially designated CD frequencies—640 or 1240 kilocycles (marked as 64 or 124 on most radio dials).

The Air Defense Command, U. S. Air Force, also determines when it is safe for radio to resume normal broadcasting following the radio Alert.



CONELRAD

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1240

CONELRAD

640

1240

CONELRAD

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Case of Attack!

TUNE YOUR **AM** RADIO DIAL TO



OR



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1240

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FOR OFFICIAL INFORMATION



FEDERAL CIVIL DEFENSE ADMINISTRATION



What would you do if . . .

enemy bombers *were* to attack our country? How do you find out quickly what is happening and what to do?

Prompt, accurate civil defense information could help save your life, your neighbor's . . . your city.

The CONELRAD system of Public Emergency Broadcasting is one of the surest and fastest ways of getting word to you under attack conditions. If our country is ever attacked, here's *how* and *where* you will get official civil defense news and instructions.

In a civil defense emergency, remember to use your AM (Standard) radio. *Tune to 640 or 1240 on your Radio Dial*
Your AM (Standard) radio will keep you in touch with what is happening.

Your television set and FM (frequency modulation) radio will go off the air in a civil defense emergency, because their broadcasting beams could be used as direction finders by enemy bombers. Use your AM (Standard) radio.

**TUNE IMMEDIATELY TO 640 OR 1240
ONLY FOR OFFICIAL CIVIL DEFENSE
NEWS AND INSTRUCTIONS**

Why should you tune to 640 or 1240 on your AM (Standard) radio?

Because they are the *only* dial settings where you will receive authoritative civil defense information.

The broadcasting industry and the government, working together, have devised a special system of AM (Standard) radio broadcasting to bring you official information in time of emergency.

The system is officially entitled "Plan for *CON*trol of *EL*ectromagnetic *RAD*iation"—CONELRAD for short.

Remember that name, CONELRAD. Remember what it means—"Tune your AM (Standard) radio to either 640 or 1240."

Under the CONELRAD emergency broadcasting system, you will be able to receive radio programs from three different sources—local, State, and National. Programs originating locally will be broadcast direct. Line connections are arranged for programs originating on a State or regional basis. By using the existing network structures and line connections between stations, defense officials can broadcast programs which will reach the entire country.

What else should you know about CONELRAD?

First, CONELRAD is the only safe broadcasting system yet devised to keep you informed of important civil defense news and instructions without helping enemy bombers reach their targets.

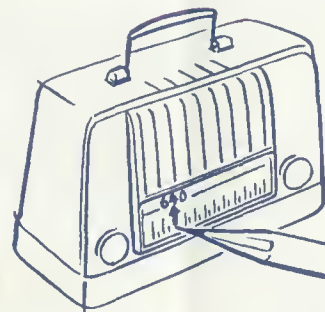
Second, CONELRAD may affect your radio listening habits in three ways:

1. **CONTINUOUS METHOD:** If you are in or near a large city, you will hear a continuous program of civil defense instructions and reports at 640 or 1240 kilocycles, or both, during the CONELRAD radio operation.
2. **ON-OFF METHOD:** In some smaller communities your local radio station, operating at either 640 or 1240 kilocycles, will be on the air for some seconds, off the air for some minutes, on the air again, and off the air again in this continuing pattern until the end of the Alert.
3. **NO BROADCAST:** Unfortunately, CONELRAD cannot guarantee civil defense broadcasts for everyone because of technical limitations. Due to the reduction in transmitting power, a few parts of the country which normally receive AM (Standard) radio broadcasts may no longer be able to hear the diminished signal. Your radio *may* be silent, though experts are working to prevent this possibility.

Which number (640 or 1240) is the right one for your city?

Every effort will be made to tell you long in advance which AM frequency (640 or 1240) will be used in your community. In most large cities, both frequencies will be used. If you do not know which to rely on, tune from one of these dial settings to the other until the broadcast comes in.

Do not be alarmed if you receive no information for a brief period after the radio Alert has been announced. It takes a little time to switch from regular broadcasting to the special CONELRAD system. Wait a few minutes and then try 640 or 1240 again, whichever is designated for your area.



Suppose the signal "fades" . . . is sometimes strong and sometimes weak. Does that mean anything?

Yes, it does. When the CONELRAD continuous method is in operation, all stations in a community are required to reduce power and to broadcast a common program. Each station is on the air for only a few seconds at a time. Then another local station picks up as the other leaves off. You will hear a single program but it is coming to you from a number of different stations—some of which are nearer to you than others.

This may cause a signal that is sometimes weak and sometimes strong. If this happens, turn the volume up to the point where you can hear plainly, even though it may occasionally be quite loud.

If some communities use 640 and others use 1240, how will you know that you are tuned to the official civil defense broadcast for your city?

Find out as soon as possible from your local civil defense office or radio station which frequency will be used in your community. Then mark it permanently on your AM (Standard) radio dial, so you will always know the correct setting. In order not to help the enemy, there will be no station identification in an emergency. Even if you are tuned to another city, however, it will be one quite near to you and the news and information should be helpful.

How will you know when the emergency system of radio broadcasting is going into effect?

If you are listening to any kind of radio or television set when the alert sounds, you will hear a message like this:

"We interrupt our normal program to cooperate in security and civil defense measures as requested by the United States Government . . . This is a CONELRAD radio Alert . . . Listen carefully! **OVER** →"